INDEX

AUTHOR'S INDEX

	Page
Adams, Randolph G.	803
Alles, Russell W.	516
Altshuler, Ira M.	451
Amadon, Philip D.	713
Badgley, C. E.	627
Baldwin, L. Grant	718
Barnhill, John F.	83
Barnes, John	29
Bastedo, Walter A.	483
Begle, Howell L.	345
Beigler, Sydney K.	289
Beregoff, Pauline	121
Bond, R. P.	300
Brook, J. D.	691
Brooks, C. D.	89
Brown, Charles L.	551
Bunten, W. Andrew	889
Burr, C. B.	7
Burr, G. C.	180
Byrd, Hiram	294, 573
Campbell, Don M.	109
Carr, Earl Ingram	102
Carstens, Henry R.	367
Carter, John M.	109
Carter, Leland F.	365
Chadwick, Henry D.	308
Childs, L. H.	446
Clarke, Norman E.	782
Cole, W. C. C.	16
Collisi, Harrison Smith	904
Cooperstock, M.	21
Cree, Walter Johnston	901
Cumming, R. E.	881
Curry, Robert	923
Curtis, Arthur C.	355
Daniels, L. E.	631
Davis, M. Edward	503
DeTomasi, R. Q.	25
Dickson, B. R.	764
Donaldson, S.	29
Donaldson, S. W.	700
Douglas, Bruce H.	112
Dugan, W. M.	512
Dwyer, H. V.	420
Fenton, D. W.	369
Fenton, Walter L.	775
Fisher, Ralph L.	435
Foster, D. P.	646
Furlong, Harold A.	569
Geib, L. O.	734
Gordon, J. E.	151
Gorsline, C. S.	576
Gurdjian, E. S.	165
Hackett, Walter L.	438
Harrington, Mary M.	355
Hart, Arthur O.	95
Hart, Eugene	95
Hasley, C. K.	25
Haynes, L. W.	158
Heath, Parker	442, 638
Heetderks, D. R.	337
Hess, Julius H.	1
Howard, Philip J.	772
Hudson, Charles L.	729
Hunt, Verne C.	116
Jacoby, M. D.	558
Jamieson, R. C.	45
Johnson, J. A.	772
Judd, E. Starr	174
Kay, M. Boyd	561
Kidner, Fred C.	169
Lauppe, Frederick A.	912
Lewis, W. B.	300
Lieberman, B. L.	727
Loucks, R. E.	764
Lowrie, W. L.	646
McArthur, S. C.	794
McIndoe, Archibald H.	174
Macy, Icie G.	561
Maitland, G. R.	915
Manwaring, J. G. R.	497
Marcus, Max	289
Martin, Edward G.	771
Metzger, Harry C.	896
Miller, Ralph K.	912
Moore, Julian A.	182
Montgomery, J. C.	634
Morse, John Lovett	271
Mortenson, M. A.	710
Murphy, John L.	917
Peck, Franklin B.	430, 798
Pierce, James M.	509
Pohle, Ernst A.	500
Puckett, Howard L.	801
Randall, H. E.	639
Reynolds, Annie E.	299
Rosenzweig, Saul	786
Rupp, Jacob R.	801
Sawyer, Walter H.	696
Schlutz, Frederic W.	284
Schmidt, Harry B.	365
Schreiber, Frederic	433
Schwartz, Louis A.	426, 794
Selby, C. D.	641
Sherman, George A.	768, 909
Shokers, Carroll F.	561
Sisson, Raymond J.	106
Smith, Clement A.	11
Smith, J. Campbell	506
Solkin, David	438
Sonnenschein, Robert	351
Stapleton, William J., Jr.	37
Stoll, J. B.	794
Teifer, Charles A.	564
Tenney, Horace R.	500
Upson, W. O.	512

PAGE
Valade, C. K. ... 521
Veeder, Borden ... 411
Vis, William R. ... 417

Waldbott, George L. ... 567
Walser, Howard Carlton ... 899
Watson, J. Edwin ... 914
Warnshuis, F. C. ... 651
Wencke, Carl G. ... 341
Wendt, Leonard F. C. ... 430, 798
Whitney, E. L. ... 555
Wilkinson, A. P. ... 305
Willius, Frederick A. ... 721
Wilson, Walter J. ... 545

CONTRIBUTED ARTICLES

Agranulocytic angina, A case of, successfully treated with immuno-transfusion, Ralph L. Fisher, M.D., 435.

Alcoholism, The treatment of, Jacob R. Rupp, M.D., and Howard L. Puckett, M.D., 801.

A. M. A., Detroit, convention city, 377.

American Medical Association, Past presidents' dinner to officers, trustees and delegates of, 581.

Anemia, The therapeutic value of copper in, H. V. Dwyer, M.D., 420.

Anesthesia in obstetrics, Some observations on, Harold A. Furlong, M.D., 569.

Anesthesia, Spinal, Walter L. Hackett, M.D., and David Solkin, M.D., 438.

Anesthesia, Subarachnoid, Charles A. Teifer, M.D., 564.

Anesthetic, local, Idiosyncrasies: Treatment, Edward G. Martin, M.D., 771.

Angina pectoris, including coronary thrombosis, Walter J. Wilson, M.D., 545.

Annual meeting, 110th, Benton Harbor and St. Joseph bid you welcome to, 601.

Annual meeting, 110th, Official program, 609.

Annual meeting, 110th, Official program, 655.

Anuria, complete, Case of, following pregnancy, relieved by decapsulation of a solitary kidney, H. E. Randall, M.D., 639.

Atelectasis, pulmonary, post-operative, Julian A. Moore, M.D., 182.

Backache as a gynecologic symptom, L. Grant Baldwin, M.D., 718.

Birth injuries, Symposium on
(a) Birth injuries from the standpoint of the orthopedist, C. E. Badgley, M.D., 627.
(b) Birth injuries from the standpoint of the obstetrician, L. E. Daniels, M.D., 631.
(c) Birth injuries from the standpoint of the pediatrician, J. C. Montgomery, M.D., 634.
(d) Birth injuries from the standpoint of the ophthalmologist, Parker Heath, M.D., 638.

Blood pressure readings in 1,000 cases of normal pregnancy, Howard Carlton, M.D., 899.

Body type and constitution in infancy and childhood, The importance of, Borden Veeder, M.D., 411.

Bowel, The irritable: Confusion with peptic ulcer, Report of a case, George A. Sherman, M. D., 768.

Brain abscess, Suboccipital meningocele masking symptoms of, Frederic Schreiber, M.D., 433.

Bronchial asthma, The rôle of rhinolaryngology in the treatment of, E. L. Whitney, M.D., 555.

Burr, Dr. C. B., honored, 757.

Camps, The new medical reserve, Henry R. Carstens, M.D., 367.

Cardiac disease, Rheumatic, with special reference to the newer concepts of rheumatic fever, Frederick A. Willius, M.D., 721.

Cholangitis, E. Starr Judd, M.D., and Archibald H. McIndoe, M.D., 174.

Chronic constipation, Physiologic consideration in the treatment of, Walter A. Bastedo, M.D., 483.

Colors, Academic, F. C. Warnshuis, M.D., 651.

Compensation, Recent developments, L. H. Childs, M.D., 446.

Community hospitals—Some problems worthy of consideration in their organization and management, Arthur O. Hart, M.D., and Eugene Hart, M.D., 95.

Corns, hammer-toes and bunions, J. G. R. Manwaring, M.D., 497.

Coronary thrombosis and its complications, Some aspects of the management of, Charles L. Brown, M.D., 551.

Diabetes mellitus, A simplified method of controlling, Arthur C. Curtis, B.S., M.D., and Mary M. Harrington, B.S., 355.

Diabetes mellitus, hypoglycemia, and cerebro-spinal syphilis. Report of case, Leonard F. C. Wendt, M.D., and Franklin B. Peck, M.D., 798.

Diabetes mellitus, uncomplicated, A plan for the control of, D. P. Foster, M.D., and W. L. Lowrie, M.D., 646.

Diabetes, Ocular manifestations of, Leland F. Carter, M.D., 365.

Diabetic children, Observations on a summer camp for, Leonard F. C. Wendt, M.D., and Franklin B. Peck, M.D., 430.

Discipline, Parental attitudes towards, Louis A. Schwartz, M.D., 794.

Diseases of infancy and childhood, Second pediatric conference on, 279.

Disorders, alimentary, in infancy, Fundamental factors underlying the development of, Frederic W. Schlutz, M.D., 284.

Doctor, the family, The passing of, and practice of the future, J. D. Brook, M.D., 691.

Episiotomy, J. Campbell Smith, M.D., 506.

Examinations, Periodic health, Annie E. Reynolds, M.D., 299.

Eye, Perforating injuries of the, by small steel fragments, Howell L. Begle, M.D., 345.

Feeding and the nutritional disorders of infancy, Julius H. Hess, M.D., 1.

Fractured jaws, Treatment of, G. R. Maitland, D.D.S., 915.

Fractures from the standpoint of industrial physicians, C. D. Selby, M.D., 641.

Frauds, The statute of, 754.

Gallbladder disease as a cause of death, Earl Ingram Carr, M.D., 102.

Hay fever, The causes of failure of the pollen treatment for, George L. Waldbott, M.D., 567.

Hay fever, The treatment of, by anterior ethmoidal injection, Hiram Byrd, M.D., 573.

Hepatic amoebiasis, J. Edwin Watson, M.D., 914.

Hodgkin's disease: With special reference to diagnostic difficulties and results following roentgen irradiation. Report of case. George A. Sherman, M.D., 909.

Hydrops gravidarum: Report of three cases, B. L. Lieberman, M.D., 727.

Hyperthyroidism, Factors of safety in operations for, C. D. Brooks, M.D., 89.

Ileum and jejunum, Spontaneous entero-anastomosis of, Pauline Beregoff, Ph.G., M.D., 121.
Industrial medicine, Problems of, C. S. Gorsline, M.D., 576.
Infarcts of cardiac origin, M. A. Mortensen, M.D., 710.
Injuries, Electrical, Walter L. Fenton, M.D., 775.
Injuries, Head, W. Andrew Bunten, M.D., 889.
Inter-relationship between dermatoses and internal diseases, The, R. C. Jamieson, M.D., 45.

Kidney, Fused, with hydronephrosis and hydroureter, G. C. Burr, M.D., 180.

Malnutrition in children, Harry C. Metzger, M.D., 896.
Mastoid infection, The status of modern surgery in, Don M. Campbell, M.D., and John M. Carter, M.D., 109.
Mastoiditis following skull fractures, with report of case, Ralph K. Miller, M.D., and Frederick A. Lauppe, M.D., 912.
Medical retrospect and forecast—1929-1930, 123.
Medicine, Modern, Walter H. Sawyer, M.D., 696.
Melanoma, malignant, Observations on the, Philip D. Amadon, M.D., 713.
Meningitis, Meningococcus, in Michigan, J. E. Gordon, M.D., 151.
Menstruation, Physiology of, Russell W. Alles, M.D., 516.
Mental hygiene in a community, Louis A. Schwartz, M.D., 426.
Minutes of the mid-winter session of the Council of the Michigan State Medical Society, 207.
Myelitis, acute traumatic, due to fracture of the spine, indications for operative treatment in, E. S. Gurdjian, M.D., 165.

Obstetrics, Thymophysin in, L. W. Haynes, M.D., 158.
Occiput position, the treament of the, M. Edward Davis, M.D., 503.
Ophthalmology, Light therapy in, Raymond J. Sisson, M.D., 106.

Pancreatic necrosis, acute, The clinician and laboratory diagnosis of, Sydney K. Beigler, M.D., and Max Marcus, M.D., 289.
Patient, charity, Situation of the, as revealed by the case records, Norman E. Clarke, M.D., 782.
Patient, charity, Situation of the, Saul Rosenzweig, M.D., 786.
Pelvis, An unusual anomaly of the, W. M. Dugan, M.D., and W. O. Upson, M.D., 512.
Physician and industry, The relation between the, Harrison Smith Collisi, M.D., 904.
Pneumonia, lobar, Prophylaxis and treatment of, D. W. Fenton, M.D., 369.
Pregnancy, ectopic, The diagnosis of, James M. Pierce, M.D., 509.
Prescriptions, Is the writing of, becoming a lost art, Walter Johnston Cree, M.D., 901.
Proceedings of secretaries' annual conference, 225.
Prostatic obstruction, Modern methods of treating, Verne C. Hunt, M.D., 116.
Psychiatry in industry and commerce, Ira M. Altshuler, M.D., 451.
Public Health Committee, the work of a, L. O. Geib, M.D., 734.
Pulmonary tuberculosis, The prevalence of, with acute onset, Bruce H. Douglas, M.D., 112.
Radiation therapy in pediatrics, The present status of, Ernst A. Pohle, M.D., and Horace R. Tenney, M.D., 500.
Rickets, Hormone influence in, preliminary report, M. Boyd Kay, M.D., Icie G. Macy, Ph.D., and Carroll F. Shokers, 561.
Roentgen therapy, modern, An evaluation of, R. E. Loucks, M.D., and B. R. Dickson, M.D., 764.

Sinuses, nasal, Recent observations in the pathology of, Carl G. Wencke, M.D., 341.
Sinusitis, Chronic maxillary. A study of three hundred and thirty-two operated cases, A. P. Wilkinson, M.D., 305.
Sugar, blood and urinary, Effect of different carbohydrates on, W. B. Lewis, M.D., and R. P. Bond, A.B., 300.
Sugar, Chewing tobacco responsible as a source of, in certain diabetics, Harry B. Schmidt, M.D., 365.
Syphilis of the upper air tract, John F. Barnhill, M.D., 83.

Tests, hearing, The essentials of, Robert Sonnenschein, M.D., 351.
Test, The sphenopalatine, Hiram Byrd, M.D., 294.
"The doctor's log," W. J. Stapleton, Jr., M.D., 37.
Thrombophlebitis, Sinus, D. R. Heetderks, M.D., 337.
Thymus and status lymphaticus, The, John Lovett Morse, M.D., 271.
Thymus, Enlargement of, in the newborn, J. A. Johnson, M.D., and Philip J. Howard, M.D., 772.
Thymus, Symposium on the
(a) A review of literature relative to animal experimentation regarding thymic disturbance, Clement A. Smith, M.D., 11.
(b) The clinical aspects of diseases of the thymus gland in childhood, W. C. C. Cole, M.D., 16.
(c) Present concepts of enlarged thymus and status thymico-lymphaticus, M. Cooperstock, M.D., 21.
(d) Cin-Ex camera studies of the thymus in infants and children, C. K. Hasley, M.D., and R. Q. DeTomasi, M.D., 25.
(e) The use of X-ray in the treatment and diagnosis of enlarged thymus, Drs. Donaldson and Barnes, 29.
Tuberculosis, Childhood, Henry D. Chadwick, M.D., 308.
Tuberculosis in childhood, M. D. Jacoby, M.D., 558.
Tuberculosis of joint, Present status of treatment, Fred C. Kidner, M.D., 169.
Tuberculosis today and twenty-five years ago, William R. Vis, M.D., 417.
Tularemia, A case of, S. G. McArthur, M.D., and J. B. Stoll, M.D., 794.
Tularemia in Michigan; Report of a case, John L. Murphy, M.D., 917.

Urology, Diagnosis in; Roentgenologic studies of the urinary tract with contrast agents administered intravenously, R. E. Cumming, M.D., 881.

Victor C. Vaughan, M.D., LL.D.—An appreciation, C. B. Burr, M.D., 7.
Visual field studies, The value of, Parker Heath, M.D., 442.

Warts, Plantar, Cyril K. Valade, M.D., 521.

X-ray, The legal aspects of, S. W. Donaldson, M.D., 700.

DEPARTMENT INDEX

COMMUNICATIONS

Pages 138, 202, 465, 537, 600, 686, 744, 817, 935.

COUNTY SOCIETY ACTIVITIES

Alpena, 73.

Bay County, 73, 74, 408.
Berrien County, 75, 147, 330, 331, 408, 409, 475, 538, 539.
Branch County, 267.
Barry County, 267, 406.

Calhoun County, 77, 78, 147, 148, 330, 477, 478, 751, 752, 875.
Clinton County, 954.

Grand Traverse-Leelanau County, 75, 407, 752.
Gratiot-Isabella-Clare County, 76, 77, 268, 328, 329, 408, 475, 621, 622.

Houghton County, 147.
Hillsdale County, 267, 407, 478, 875, 876.

Ingham County, 74.
Ionia-Montcalm County, 74, 268, 539, 954.

Jackson County, 76, 329, 330, 407, 408, 478, 622, 623.

Kalamazoo County, 146, 329, 408, 751.

Lenawee County, 74, 75, 329, 406, 475, 955.
Luce County, 146.

Midland County, 73.
Muskegon County, 73.
Macomb County, 74.
Manistee County, 146, 267, 407.
Marquette-Alger County, 147.
Monroe County, 407, 476.

Oakland County, 146, 269, 330, 408, 476, 538, 622.

Shiawassee County, 73, 147, 267, 268, 752, 955.
Saginaw County, 268, 269.
St. Joseph County, 331, 476.
St. Clair County, 406.

DEATHS

Dr. Hiram Byrd, 687.
Dr. J. J. Delbridge, 470.
Dr. Leo Dretzka, 818.
Dr. R. C. Fair, 687.
Dr. Charles J. Foley, 687.
Dr. Robert Vincent Gallagher, 750.
Dr. George Hale, 750.
Dr. William Harper, 687.
Dr. Eugene Hart, 687.
Dr. William R. Henderson, 938.
Dr. Preston M. Hickey, 938.
Mrs. Louis J. Hirschman, 202.
Dr. Charles C. Hubly, 750.
Dr. William J. Kay (In Memoriam), 457.
Dr. Guy Lincoln Kiefer (A Memorial Supplement).
Dr. A. Floyd Kingsley, 470.
Dr. John A. Lenfesty, 140.
Dr. Carl S. Oakman, 600.
Dr. William H. Rogers, 687.
Dr. Louie V. Stegman, 470.
Dr. John Vernon White, 323.

DOCTOR'S LIBRARY

Pages 79, 150, 270, 324, 394, 465, 542, 625, 688, 756, 879, 957.

EDITORIAL DEPARTMENT

American Medical Association, The, 528.
A. M. A. Meeting, The, 387.
A. M. A. Past Presidents' Dinner, 599.
Annual Meeting, The, 675.
Appendicitis, 388.
Appreciation, 598.
Beaumont Foundation Lecture, 598.
Borrowed Thought, A, 57.
Cancer Cures, 530.
Carbon Monoxide Poisoning, 131.
Case Histories, 933.
Chronic Constipation, 528.
Clinics Again, 811.
Commercial X-Ray Laboratory, The, 677.
Co-operative Diagnostic Laboratories, 747.
Cost of Medical Service, 596.
Counting the Cost, 388.
County Medical Society, The, 196.
Craft of Surgery, The, 129.
Doctor, The, 197.
Editor's Easy Chair, The, 134, 198, 320, 391, 463, 539, 681.
Editor's Troubles, The, 318.
Education and Crime, 389.
Education by Discussion, 317.
English Cordiality, 460.
Euthanasia, 814.
Free Clinic Abuse, The, 746.
Gallbladder Surgery, 129.
Grenz Ray, The, 131.
He May Not Practice, 748.
Heredity, 388.
Illustrations, 530.
Industrial Enigma, The, 929.
Intravenous Urography, 597.
Is Health Consciousness a Mistake? 811.
Journal, The, 813.
Lapsed Memberships, 679.
Legal Aspect of X-ray, The, 746.
Let Us Not Forget the Art for the Science, 678.
Licensing Board, 528.
Life of Service to Humanity, A, 462.
Lives of Great Men Oft Remind Us, 679.
Margin of Safety in the Kidney, The, 812.
Medical Facilities in the United States, 316.
Medical History, 747.
Medical History of Michigan, 527.
"Medico-Legal Commission, A," 389.
Metamorphosis of the Druggist, The, 680.
Michigan's Medical Historian, 195.
Michigan's Medical History, 387.
Mortality Statistics, 680.
Munificent Gift, A, 595.
Note of Sympathy, 197.
Oil and Civilization, 130.
One's Own Business, 130.
Our President—Dr. R. C. Stone, 748.
Oursel's as Ithers See Us, 529.
Passing of Dr. Hickey, The, 931.
Passing of Two Past Presidents, The, 459.
Paternalism in Medicine, 676.
Post-Graduate Clinic, 55.
Post-Graduate Medicine, 387, 527.
Poor Man's Lawyer, The—And His Doctor, 461.
President-Elect, The, 932.
Problem of the American Student, The, 813.
Psychology of the Delinquent Child, The, 317.
Queer Reasoning, 462.
Room at the Top Diminishing, 459.
Science of Medicine, The, 933.
Science Service, 461.
Serum Pigment Studies, 677.
State Medicine, 56.
Stomach and Colon, The, 196.
"Surgical Babbitts," 316.
Sweating, 595.
Thymus, The, 57.
Traffic Fatalities, 58.
Tuberculosis, 318.

Tuberculosis Problem, The, 745.
Unemployment, 390.
Uroselectan, 814.
Vaughan, Dr. Victor C., 56.
What Does It All Mean? 933.
Where We Stand in the Eyes of the Law, 315.
Writing Medical Papers, 932.
Year of Centenarians, A, 197.

FAMOUS MEN IN MEDICAL HISTORY

William Beaumont. Charles L. Hudson, M.D., 729.
Benjamin Rush. Randolph G. Adams, 803.
Benjamin Rush. Robert Curry, 923.

INTEREST, OF GENERAL MEDICAL AND SURGICAL

Pages 332, 386, 480, 544, 626, 689, 756, 927.

MEDICINE, TRUTH ABOUT

Pages 54, 127, 194, 314, 376, 456, 594, 743.

MICHIGAN'S DEPARTMENT OF HEALTH

Guy L. Kiefer, M.D.—Pages 50, 125, 190, 310, 372, 453.
C. C. Slemons, M.D.—Pages 524, 578, 652, 739, 808, 921.

NEWS AND ANNOUNCEMENTS

Pages 59, 136, 200, 322, 395, 467, 535, 623, 685, 753, 819, 936.

WOMAN'S AUXILIARY

Pages 79, 150, 330, 405, 479, 538, 623, 876, 955.